

P8 - The trends of ChatGPT usage in medical writing: Results from a KAP

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INTRODUCTION

Disruptive technologies that increase efficiency while saving time are continually explored by medical writers and the large language model (LLM) ChatGPT (Generative Pre-trained Transformer) is no exception. Despite several publications on ChatGPT, the trends of ChatGPT usage in the medical writing field are unknown.

METHODS

We conducted an online survey to understand the knowledge, attitude, and practices of professionals in medical and scientific writing regarding ChatGPT usage; and performed a two-step cluster analysis to assess the attitude and practice patterns.

RESULTS

A total of 106 respondents from 21 countries took the survey. Most respondents were females (65.1%), aged 25-44 years (71.6%), with a doctoral degree (45.3%), from the medical communications sector (54.7%), with 1-5 years of experience (47.2%), and of Indian origin (61.3%). Some of them have a professional certification (17.9%), are members of any professional organisation (28.3%), and have received formal training in medical writing or medical communications (34.0%). Almost half of them (45.3%) have experience using artificial intelligence (AI)-powered tools for medical communications. Most respondents had intermediate knowledge about ChatGPT. An exploratory analysis distributed the respondents based on attitude into three clusters of 8.5%, 25.5%, and 66.0% respondents; and based on practice patterns into two clusters of 39.0% and 61.0% respondents. Members of professional organisation had similar attitudes towards ChatGPT. Respondents using other AI tools had similar practice patterns.

CONCLUSIONS

Working knowledge of ChatGPT along with membership of professional organisations or prior use of AI-tools may influence the acceptance of ChatGPT by medical writers.